

Application Serial No. 10/672,894
Amendment dated December 8, 2004
Reply to Office Action dated September 8, 2004

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (original) A fluid analyzer comprising:
a pump;
a concentrator connected to the pump; and
a separator connected to the concentrator; and
wherein the concentrator comprises:
a channel; and
a continuous heater film in the channel.
2. (original) The analyzer of claim 1, wherein the continuous heater film is for generating a moving heat zone in the channel.
3. (original) The analyzer of claim 2, wherein the heat zone has a rate of movement approximately the same as a fluid moving through the channel.
4. (original) The analyzer of claim 3, further comprising:

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a first detector situated between the pump and the
concentrator; and
a second detector situated at an output of the
separator.

5. (original) The analyzer of claim 4, further comprising
a third detector between the concentrator and the
separator.

6. (original) The analyzer of claim 5, wherein:
the first detector is a thermal conductivity detector;
the second detector is a thermal conductivity
detector; and
the third detector is a flow sensor.

7. (original) The analyzer of claim 6, further comprising
a controlling mechanism connected to the pump,
concentrator, separator and detectors.

8-21. (canceled)